

9178.seq.WorkFile.txt

**Organization Applicant**

-----  
Street :  
City :  
State :  
Country :  
PostalCode :  
PhoneNumber :  
FaxNumber :  
EmailAddress :  
<110> OrganizationName : Medical College of Ohio

**Individual Applicant**

-----  
Street :  
City :  
State :  
Country :  
PostalCode :  
PhoneNumber :  
FaxNumber :  
EmailAddress :  
<110> LastName : Ratnam  
<110> FirstName : Manohar  
<110> MiddleInitial :  
<110> Suffix :

**Application Project**

-----  
<120> Title : Folate Receptor Gene Modulation For Cancer Diagnosis  
and Therapy  
<130> AppFileReference : 9178  
<140> CurrentAppNumber :  
<141> CurrentFilingDate : \_\_\_\_\_

**Earlier Applications**

-----  
<150> PriorAppNumber : US 60/455,705  
<151> PriorFilingDate : 2003-03-17

**Sequence**

-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
gtgaccacct ggagaaggca atgaggctca agccagggag gggtggtgtc taatcctacc  
60  
tttcatttggaa ctggggggaga tggggggcagg gctctatctg ccccaaggctt  
120

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ccgtccaggc cccaccctcc tggagccctg cacacaactt aaggccccac ctccgcattc  
180  
cttggtgcca ctgaccacag ctctttcttc agggacagac atg  
223  
<212> Type : DNA  
<211> Length : 223  
    SequenceName : 1  
    SequenceDescription :  
  
Sequence  
-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
tgaggctcaa gc  
12  
<212> Type : DNA  
<211> Length : 12  
    SequenceName : 2  
    SequenceDescription :  
  
Sequence  
-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
gggaggggtg gtg  
13  
<212> Type : DNA  
<211> Length : 13  
    SequenceName : 3  
    SequenceDescription :  
  
Sequence  
-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
ctgagggaga tgggggcagg gc  
22  
<212> Type : DNA  
<211> Length : 22  
    SequenceName : 4  
    SequenceDescription :  
  
Sequence  
-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
ccccaccctc c  
11

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<212> Type : DNA  
<211> Length : 11  
SequenceName : 5  
SequenceDescription :

## Sequence

-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
ttggaaactg atgagattag ctc当地aggat cctggcagct caggctgcaa gattttttc  
60  
agacctcagt gtttggaaa aaattggta ggtggagctt agggactggc cttaggcctg  
120  
cactgttaat tcacccctc cc当地tacccccc atggaggcct ggctggtgct cacatacaat  
180  
aattaactgc tgagtggcct tc当地cccaatc ccaggctcca ctc当地gggct ccattccac  
240  
tccctgcctg tctc当地taggc cactaaacca cagctgtccc ct当地aataag gcaaggggga  
300  
gtgttagagca gagcagaagc ct当地gcccaga cggagagcca ctc当地ctcc caggtatgtg  
360  
acactccca tccccc当地ca gaggccacac accctatggc attccc当地ca tgc当地taagg  
420  
attttctgaa ct当地aagggc cctctgttgc cct当地aggcc agagaatctt gaagtggaga  
480  
ctgaggccca gaccagagtg tggc当地tgctc aagattaac gacaagttag tgc当地atccc  
540  
cctgaactag tacctggcct ct当地cccttc agtccagagc tgc当地tctca gctcttctag  
600  
tctggggccc caagggttgg tgc当地gggtc atgattgtg gt当地gggaggg gtc当地cagctg  
660  
gactaaggacc tgaagggtgag actaggcagg tggaaagga gcttgcagag tgc当地tctgct  
720  
caaaaaggaca ggaaggagagc ct当地gcttc当地 aagc当地gccc当地 agcaaggagag actactgact  
780  
gaacagggtgg gctccactgg gggctccggaa aaggatttgc tca当地ccccc当地 tccc当地agccac  
840  
tgtgtgttgg cc当地caccat gagagc当地tca gc当地ctgtaa ggtgc当地gggg gcaaggccca  
900  
aaagagctct ggc当地taact tgggtggtcc ctactgtgtg acttggggca tggccctcat  
960  
ctgtgtgtaa atgattccac aaagattaaa ct当地gctatca tttgttgc当地t tccc当地ttct  
1020  
tacatttaat cttgc当地gga gaaagctaaag cctcaagata gtttgc当地tct ct当地ccccc当地  
1080  
aggccaaagga gaagggtggag tgagggtgg ggtc当地ggaca ggttgaacgg gaaccctgtg  
1140  
ctctaaacag ttagggttgc ttccc当地cagg aactgaaccc aaaggatcac ct当地gttattcc

## 9178.seq.WorkFile.txt

1200  
ctgagagtagc agatttctcc ggcgtggccc tcaaggtag tgagttagca ggtccacagg  
1260  
ggcatgattg gatcctggaa tgaatgaatc aaccatgaga gagtgaatga acactggaaat  
1320  
caatagagta gcagagtaat ggattgtgga gcagggaaaga gagctgctgg gtggaaattc  
1380  
aattccaggc ttatatgagc cctgctgtgc agtcggcctg gagacagccc agtcaggcc  
1440  
ctgcctagac ccctgtcaag gaggccctgt caagaggaga ggaggggcag cacggggca  
1500  
aggcaagctt gtgagcggga aaggcatgtc cacttagcg actggatgt ggaagatgag  
1560  
ttagaggaga cagatggaga gaagtcatag gaaataaatt ctgagcattt taggagggcc  
1620  
cagacacctg gtgtccagtg gagtgaagga aacagtcgcc tccaaaatt cagtgtctga  
1680  
ggtaaaagga ttgaagttct gtgatgacca aggagaagcc agtctgtgg tagggggcac  
1740  
aggagctccc caaggccccca gggctgtcca gctggctgtc ccctgcccagc acccatgtcc  
1800  
tgtgacccca ccccaccaag atcccatggt ttccggaaag ggctactaa actagttga  
1860  
gtgatgaggg tagaaagggg ctgggaccaa gtttaaaaaa gcaaaacaaa ctaacaaaaaa  
1920  
ccacactgca gcccccccaa ctaaaacatt tttataaact ttttttttt ttttgagatg  
1980  
gagtctcgct ctgtcacccca ggctagagt caatggcaca atcttggctc actgtaacct  
2040  
ccacctcctg gattcaagtg attctcctgc ctcagcctcc cacgtagctg ggactacagg  
2100  
cacacgacac cgcacccagc tcattttgtt ttttttagtag agacagggtt tcactatgtt  
2160  
ggccaggctg gtctcaaact tctgacctca ggtgatccac ccacctcagc cttccaaagt  
2220  
gctgggatta caggcatgag ccaccgcgcc cagccattt ttgtaaactt ttacaatgaa  
2280  
gtaattttgtt gtcaaaatct gacctgaaaa ttaatgttag tttatgtata gtttaattt  
2340  
atcccactag tgtaactgtt tcacccaga atatacactt gattattggg tataaaaaaa  
2400  
aaatattttc tttgaatcac ctttgatgaa atcctaaaaa attttaaccc tgaacattt  
2460  
gaataaggca ttgtggacct atggcaaact cctggctatt tctgcatttt gccaaatcc  
2520  
atccttgaat tatatcacct gaacctcgtg accacctgga gaaggcaatg aggctcaagc  
2580  
cagggagggg tgggtgtctaa tcctacctt cattggatct gggaaaactg agggagatgg

## 9178.seq.WorkFile.txt

2640  
gggcagggct ctatctgccc caggcttccg tccaggcccc accctcctgg agccctgcac  
2700  
acaacttaag gcccccaccc cgcc  
2723

<212> Type : DNA  
<211> Length : 2723  
SequenceName : 6  
SequenceDescription :

## Sequence

-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
gggaggggtg gtgtctaatc ctaccttca ttggatctgg gaaaactgag ggagatgggg  
60  
gcagggctct atctgccccca ggcttccgtc caggccccac cctcc  
105  
<212> Type : DNA  
<211> Length : 105  
SequenceName : 7  
SequenceDescription :

## Sequence

-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
gcattcccttg gtgccactga ccacagctct ttcttcaggg acagaca  
47  
<212> Type : DNA  
<211> Length : 47  
SequenceName : 8  
SequenceDescription :

## Sequence

-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
gtcagcatat gtagtcccgcc  
22  
<212> Type : DNA  
<211> Length : 22  
SequenceName : 9  
SequenceDescription :

## Sequence

-----  
<213> OrganismName : Homo sapiens

## 9178.seq.WorkFile.txt

```
<400> PreSequenceString :
aaacttaagc agcgatgggg c
    21
<212> Type : DNA
<211> Length : 21
    SequenceName : 10
    SequenceDescription :

Sequence
-----
<213> OrganismName : Homo sapiens
<400> PreSequenceString :
attctccgcg gcatcgctga c
    21
<212> Type : DNA
<211> Length : 21
    SequenceName : 11
    SequenceDescription :

Sequence
-----
<213> OrganismName : Homo sapiens
<400> PreSequenceString :
cactgcatac gacgattctg tg
    22
<212> Type : DNA
<211> Length : 22
    SequenceName : 12
    SequenceDescription :

Sequence
-----
<213> OrganismName : Homo sapiens
<400> PreSequenceString :
attcgatcgg ggcggggcga g
    21
<212> Type : DNA
<211> Length : 21
    SequenceName : 13
    SequenceDescription :

Sequence
-----
<213> OrganismName : Homo sapiens
<400> PreSequenceString :
gtcaggtcac agtgacctga
    20
<212> Type : DNA
```

## 9178.seq.WorkFile.txt

<211> Length : 20  
SequenceName : 14  
SequenceDescription :

## Sequence

-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
ttggaaactg atgagattag ctcaaaggat cctggcagct caggctgcaa gattttttc  
60  
agacctcagt gtttgggaaa aaattgggta ggtggagctt agggactggc cttaggcctg  
120  
cactgttaat tcacccccc tcactacccc atggaggcct ggctggtgct cacatacaat  
180  
aattaactgc ttagtggcct tcgccccatc ccaggctcca ctcctggcct ccattccac  
240  
tccctgcctg tctccttaggc cactaaacca cagctgtccc ctggaaataag gcaaggggga  
300  
gtgttagagca gagcagaagc ctgagccaga cggagagcca ctcctctcc caggtatgtg  
360  
acactccccca tcccccttca gaggccacac accctatggc attccacca tgtgttaagg  
420  
attttctgaa ctggaagggc cctctgtttg cctgaaggcc agagaatctt gaagtggaga  
480  
ctgaggccca gaccagagtg tggcctgctc aagattaaac gacaagttag tgttcatccc  
540  
cctgaactag tacctgggct ctagcccttc agtccagagc tgagttctca gctcttctag  
600  
tctggggccc caaggttggg tgtgggggtc atgattttg gtggggaggg gtcacagctg  
660  
gactaagacc tgaaggtgag actaggcagg tggaaagga gcttgcagag tgatgctgct  
720  
caaaaggaca ggaagagagc ctggcttcag aagcagccac agcaagagag actactgact  
780  
gaacaggtgg gctccactgg gggctccgga aaggattttc tcagccccca tccccagcac  
840  
tgtgtgttgg ccgcacccat gagagcctca gcactctgaa ggtgcagggg gcaaaggcca  
900  
aaagagctct ggcctgaact tgggtggtcc ctactgttg acttggggca tggccctcat  
960  
ctgtgtgaa atgattccac aaagattaaa ctggctatca tttgttgatt tcccccttct  
1020  
tacattnaat ccttgcagga gaaagctaag cctcaagata gtttgcttct cttccccca  
1080  
aggccaagga gaagg  
1095  
<212> Type : DNA  
<211> Length : 1095

## 9178.seq.WorkFile.txt

SequenceName : 15  
SequenceDescription :

Sequence

-----

<213> OrganismName : Homo sapiens  
<400> PreSequenceString :

ttggaaactg atgagattag ctcaaaggat cctggcagct caggctgcaa gattttttc  
60  
agacctcagt gtttggaaa aaattggta ggtggagctt agggactggc ctaggcctg  
120  
cactgttaat tcacccctc ccactacccc atggaggcct ggctggtgct cacatacaat  
180  
aattaactgc tgagtggcct tcgcccatac ccaggctcca ctccctggct ccattccac  
240  
tccctgcctg tctccttaggc cactaaacca cagctgtccc ctggaataag gcaaggggga  
300  
gtgttagagca gaggcagaagc ctgagccaga cggagagcca cctcctctcc caggtatgtg  
360  
acactccca tcccccttca gaggccacac accctatggc attcccacca tgtgttaagg  
420  
attttctgaa ctggaaggc cctctgttg cctgaaggcc agagaatctt gaagtggaga  
480  
ctgaggccca gaccagagtg tggcctgctc aagattaaac gacaagttag tgttcatccc  
540  
cctgaactag tacctggcct ctggcccttc agtccagagc tgagttctca gctcttctag  
600  
tctggggccc caaggttggg tgtgggggtc atgattgtt gttggggaggg gtcacagctg  
660  
gactaagacc tgaaggtgag actaggcagg tggaaagga gcttgcagag tgatgctgct  
720  
caaaaaggaca ggaagagagc ctggcttcag aagcagccac agcaagagag actactgact  
780  
gaacaggtgg gctccactgg gggctccgga aaggatttc tcaagccccca tccccagcac  
840  
tgtgtgttgg ccgcacccat gagagcctca gcactctgaa ggtgcagggg gcaaaggcca  
900  
aaagagctct ggcctgaact tgggtggtcc ctactgttg acttggggca tggccctcat  
960  
ctgtgctgaa atgattccac aaagattaa ctggctatca tttgttgatt tcccccttct  
1020  
tacattnaat cttgcagga gaaagctaag cctcaagata gtttgccttct cttccccca  
1080  
aggccaagga gaaggtggag tgagggctgg ggtcgggaca ggttgaacgg gaaccctgtg  
1140  
ctctaaacag ttagggtttgc ttcccgagg aactgaaccc aaaggatcac ctggatttcc  
1200  
ctgagagtagc agatttctcc ggcgtggccc tcaaggtag tgagtgagca ggtccacagg

## 9178.seq.WorkFile.txt

1260  
ggcatgattg gatcctggaa tgaatgaatc aaccatgaga gagtgaatga acactggaaat  
1320  
caatagagta gcagagtaat ggattgtgga gcaggaaaga gagctgctgg gtggaaattc  
1380  
aattccaggc ttatatgagc cctgctgtgc agtcggcctg gagacagccc agtcaggcc  
1440  
ctgcctagac ccctgtcaag gaggccctgt caagaggaga ggaggggcag cacggggca  
1500  
aggcaagctt gtgagcggga aaggcatgtc cacttagcg actggtatgt ggaagatgag  
1560  
ttagaggaga cagatggaga gaagtcatag gaaataaatt ctgagcattt taggaggcc  
1620  
cagacacactg gtgtccagtg gagtgaagga aacagtcgcc tccaaaatt cagtgtctga  
1680  
ggtcaaagga ttgaagttct gtgatgacca aggagaagcc agctctgtgg tagggggcac  
1740  
aggagctccc caaggccccca gggctgtcca gctggctgtc ccctgccagc acccatgtcc  
1800  
tgtgacccca ccccaccaag atcccatggt ttccggaaag ggcctactaa actagctga  
1860  
gtgatgaggc tagaaagggg ctgggaccaa gttttaaaaa gcaaaacaaa ctaacaaaaa  
1920  
ccacactgca gcccccccaa ctaaaacatt tttataaact ttttttttt ttttgagatg  
1980  
gagtctcgct ctgtcacccca ggctagagtg caatggcaca atcttggctc actgtaacct  
2040  
ccacctctg gattcaagtg attctcctgc ctcagcctcc cacgtagctg ggactacagg  
2100  
cacacgacac cgcacccagc tcattttgtt ttttagtag agacagggtt tcactatgtt  
2160  
ggccaggctg gtctcaaact tctgacctca ggtgatccac ccacctcagc cttccaaagt  
2220  
gctgggattt caggcatgag ccaccgcgcc cagcccattt ttgtaaactt ttacaatgaa  
2280  
gtatatttgtt gtcaaaatct gacctgaaaa ttaatgtgag tttatgtata gtttaattt  
2340  
atccccactag tgtaactgtt tcaccccaga atatacactt gattattggg tataaaaaa  
2400  
aaatattttc tttgaatcac ctttgatgaa atcctaaaaa attttaaccc tgaaacattt  
2460  
gaataaggca ttgtggaccc atggcaaact cctggctatt tctgcatttt gcccaaattcc  
2520  
atccttgaat tatacacctt gaaacctcgatg accacctgga gaaggcaatg aggctcaagc  
2580  
cagggagggg tggtgtctaa tcctaccttt cattggatct gggaaaactg agggagatgg  
2640  
ggcaggcgtt ctatctgccc caggcttccg tccaggcccc accctcctgg agccctgcac

## 9178.seq.WorkFile.txt

2700  
acaacttaag gcccccaccc cgcc  
2723  
<212> Type : DNA  
<211> Length : 2723  
SequenceName : 16  
SequenceDescription :

## Sequence

-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
ggagatgggg gcagggctct atctgccccca ggcttccgtc c  
41  
<212> Type : DNA  
<211> Length : 41  
SequenceName : 17  
SequenceDescription :

## Sequence

-----  
<213> OrganismName : Homo sapiens  
<400> PreSequenceString :  
gatgaggcta gaaaggggct gggaccaagg tttaaaaagc aaaacaaact aacaaaaacc  
60  
acactgcagc ccccccact aaaacattt tataaacttt  
100  
<212> Type : DNA  
<211> Length : 100  
SequenceName : 18  
SequenceDescription :